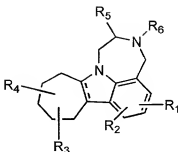


What is Claimed:

1. A compound of the formula:



I

wherein:

R_1 and R_2 are each, independently, hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl of 3 to 7 carbon atoms, $-CH_2$ -cycloalkyl of 3 to 7 carbon atoms, alkoxy of 1-6 carbon atoms, halogen, fluorinated alkyl of 1 to 6 carbon atoms, $-CN$, $-NH-SO_2$ -alkyl of 1-6 carbon atoms, $-SO_2-NH$ -alkyl of 1-6 carbon atoms, alkyl amide of 1-6 carbon atoms, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 1-6 carbon atoms per alkyl moiety, fluorinated alkoxy of 1-6 carbon atoms, acyl of 2-7 carbon atoms, or phenyl or thiophenyl;

R_3 and R_4 are each, independently, hydrogen, C_1-C_6 alkyl or cycloalkyl of 3 to 7 carbon atoms;

R_5 is hydrogen or C_1-C_6 alkyl;

R_6 is hydrogen or C_1-C_6 alkyl; and

wherein the dashed line indicates an optional double bond;

or a pharmaceutically acceptable salt thereof,

2. A compound of Claim 1 which is 1,2,3,4,9,10,11,12-Octahydro-8H-cyclohepta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

3. A compound of Claim 1 which is 1,2,3,4,8,9,10,11,12,12a-Decahydro-7bH-cyclohepta[b][1,4]diazepino[6,7,1-hi]indole or a pharmaceutically acceptable salt thereof.

4. A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier or excipient.

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5. A method of treatment of obsessive-compulsive disorder in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

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6. A method of treatment of depression in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

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7. A method of treatment of anxiety in a mammal, the method comprising administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.